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#### VI

# CONTRIBUTIONS TO ORIENTAL HERPETOLOGY III. RUSSIAN ASIA and MANCHURIA

BY

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The fauna from these regions represented in the Academy's collection, although small, has nevertheless proved of value for comparison with material from adjacent territory. It is represented by one salamander, one frog, four snakes, and one turtle.

#### Russian Asia

# 1. Hynobius keyserlingii (Dybowskii)

Our only specimen (No. 14578) was collected at Xanka Lake, Ussuri Province.

# 2. Rana temporaria Linnæus

Three frogs from Russian Asia seem to fall within the limits of individual variation in this species.

No. 14575, collected at Xanka Lake, Ussuri Province, May 7, 1908, has large webs, vomerine teeth between and somewhat

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behind the choanæ, and large inner metatarsal tubercles. The outer metatarsal is present.

Two specimens are labeled "Ussuri?" No. 14576 has small webs, vomerine teeth between and behind the choanæ, and inner metatarsal tubercles small. No. 14577 has large webs, teeth well behind the choanæ, and inner metatarsal tubercles small. This last specimen has a dorsal stripe. Neither has outer metatarsal tubercles.

The dorsolateral ridge flares out anteriorly toward the tympanum in these three frogs.

## 3. Natrix tigrina lateralis (Berthold)

One female snake of this species (No. 14580) was collected at Vladivostoc. It has scales in 19 rows, gastrosteges 159, urosteges 55c, anal divided, supralabials 7-7, infralabials 8-8, preoculars 2-2, postoculars 3-3, loreal 1-1, and temporals 1+2—1+2.

# 4. Elaphe schrenckii Strauch

A female (No. 14583), taken at Vladivostoc, in 1903, has 23 scale rows, gastrosteges 218, urosteges 66c, anal divided, supralabials 8-8, infralabials 10-10, preoculars 2-2, postoculars 2-2, loreal 1-1, and temporals 2+3-2+3.

# 5. Agkistrodon blomhoffii intermedius (Strauch)

Stejneger is followed in the use of this name for two specimens from Vladivostoc, although their scale counts are similar to those of Korean specimens. They are Nos. 14585 and 14586. Their counts are as follows:

No.	Sex	Scale rows	Gastro- steges	Uro- steges		-	Infra- labials		Temporals
14585 14586	ç,	21 21	150 147	43c 46c	1 1				$   \begin{array}{r}     1 + 3 - 1 + 3 \\     1 + 2 - 1 + 2   \end{array} $

#### Manchuria

# 1. Natrix tigrina lateralis (Berthold)

The counts of two specimens labeled "North East Manchuria" are as follows:

No.	Sex	Scale rows	Gastro- steges	Uro- steges		Supra- labials	Infra- labials		,	Temporals
33016 33017	ç ç	19 19	162 160	58e 57e	2 2	7-7 7-7	8-9 9-9	$\begin{bmatrix} 2-2\\2-2\end{bmatrix}$		1+2-1+2 $1+2-1+2$

## 2. Amyda maackii (Brandt)

One large specimen (No. 14587) collected at Harbin, Manchuria, in 1907, agrees in coloration with our series from Korea. Our Chinese specimens seem to represent a different species.